

Title (en)
Pumping installation, especially for irrigation.

Title (de)
Pumpenanlage, insbesondere für Bewässerung.

Title (fr)
Installation de pompage, en particulier pour irrigation.

Publication
EP 0360697 A1 19900328 (FR)

Application
EP 89402599 A 19890922

Priority
FR 8812447 A 19880923

Abstract (en)
The invention relates to a pumping installation of the type comprising, branched-off from the pipe (10) connecting a pump (11) to a tank (12), a hydraulic accumulator (13) with, between this hydraulic accumulator (13) in the said pipe (10), differentiated means of communication (15) capable of assisting the "restoration" of this hydraulic accumulator (13) in relation to its filling. According to the invention, these differentiated means of communication (15) make use of a sieve (16), the perforated wall (17) of which is substantially in the form of a truncated cone, with, located on the side of the perforated wall (17) of this sieve (16) opposite the hydraulic accumulator (13), a diaphragm (18) which is capable, at rest, of being laid against the said perforated wall (17), but which covers only a fraction of the surface of the latter. The invention is used particularly on pumping installations for irrigation. <IMAGE>

Abstract (fr)
Il s'agit d'une installation de pompage du genre comportant, en dérivation sur la conduite (10) reliant une pompe (11) à un réservoir (12), un accumulateur hydraulique (13), avec, entre cet accumulateur hydraulique (13) et ladite conduite (10), des moyens de communication différenciés (15) propres à favoriser la "restitution" de cet accumulateur hydraulique (13) par rapport à son remplissage. Suivant l'invention, ces moyens de communication différenciés (15) mettent en oeuvre une crépine (16) dont la paroi perforée (17) est globalement en tronc de cône, avec, disposée du côté de la paroi perforée (17) de cette crépine (16) opposé à l'accumulateur hydraulique (13), une membrane (18), qui est apte à s'appliquer au repos à ladite paroi perforée (17), mais qui ne couvre qu'une fraction de la surface de celle-ci. Application, notamment, aux installations de pompage pour irrigation.

IPC 1-7
F04D 15/00; F16K 47/14

IPC 8 full level
F04D 15/00 (2006.01); **F16K 47/14** (2006.01)

CPC (source: EP)
F04D 15/0083 (2013.01); **F16K 47/14** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
CH DE ES GB IT LI NL

DOCDB simple family (publication)
EP 0360697 A1 19900328; EP 0360697 B1 19920826; DE 68902618 D1 19921001; DE 68902618 T2 19930121; ES 2034705 T3 19930401; FR 2637024 A1 19900330; FR 2637024 B1 19940401

DOCDB simple family (application)
EP 89402599 A 19890922; DE 68902618 T 19890922; ES 89402599 T 19890922; FR 8812447 A 19880923